

ABSTRACT OF THE DISCLOSURE

The present invention relates to a line terminating equipment for allotting a transmission bandwidth to a plurality of terminals at one end of a subscriber line section of an access network. In the line terminating equipment, requisite bandwidths of the individual terminals are computed as an increasing function of receipt information content which is content of transmission information precedingly received from the terminals and untransmitted information content notified by the terminals. The transmission bandwidth to be allotted to each terminal is determined in a manner which is decided according to a comparison result of magnitude between a total requisite bandwidth and a transmission bandwidth of a transmission channel. Therefore, in a communication system to which the present invention is applied, the transmission bandwidth is allotted effectively, flexibly, and efficiently to all the terminals, which enhances total reliability as well as service quality and transmission quality .